

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 6/19/2015	Man Days: 1
Inspection Unit: Marion	
Location of Audit: Broughton	
Exit Meeting Contact:	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Jim Watts	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Kevin Glaspy	Quality Assurance Consultant	
Tony Garcia	Crew Leader	

CUSTOMER METER & REGULATOR		Status
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed the meter installations at Box 137 Route 142 and the first house on the east side of Route 142 just north of Douglass Road (No address posted on the mail box). Both were installations were located south of Broughton, Illinois. The meter sets were both observed being accessible, having been painted with no corrosion or other damage present.</i>		
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
<u>General Comment:</u> <i>Both installations had vent screens present in the service regulators and at the associated farm taps.</i>		

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[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
<u>General Comment:</u> <i>Both customer meter installations were located in an area where gas could vent freely to atmosphere.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable
<u>General Comment:</u> <i>The meter installations inspected were not located in locations where flooding is an issue.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
<u>General Comment:</u> <i>No visible stresses were observed on the above ground piping present at the two installations inspected during the audit.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
<u>General Comment:</u> <i>Both customer meter installations were located outside the building they were supplying.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
<u>General Comment:</u> <i>Both customer meter cases at the installations inspected were marked with a 10 psig MAOP and operate at approximately 4 ounces of pressure.</i>		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
<u>General Comment:</u> <i>Service line valves were observed present at the farm tap installation and on the riser located upstream of the service regulator and meter. Both installations were readily accessible.</i>		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable
<u>General Comment:</u> <i>There were no below ground valves located on the installations inspected during the audit.</i>		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Satisfactory
<u>General Comment:</u> <i>Staff observed the riser valve serving a mobile home located at Box 137 Route 142 was locked in the closed position and the outlet piping was plugged. This appeared to be a newly installed meter installation and the customer had not yet connected their piping as of the date of the inspection.</i>		
CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory

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<u>General Comment:</u>		
<i>Cathodic protection was being supplied to the high pressure distribution main and inlet piping on the farm taps at the locations inspected. The levels of protection were observed at levels of -1.4 volts meeting the minimum allowed potential level of -.850 volts as defined in Appendix D.</i>		
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
<u>General Comment:</u>		
<i>Pipe to soils performed at the farm taps located at Box 137 Route 142 and at the house located just north of Douglass Road on the east side of Route 142 were both indicating potential levels at -1.4 volts.</i>		
[192.465(b)]	Were rectifier installations inspected?	Not Applicable
<u>General Comment:</u>		
<i>The piping is protected with anodes. No rectifiers are present on this line.</i>		
[192.465(a)]	Were isolated mains/services tested?	Not Applicable
<u>General Comment:</u>		
<i>No isolated services were inspected during the field audit.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	Not Applicable
<u>General Comment:</u>		
<i>No critical or non-critical bonds were inspected during this inspection.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
<u>General Comment:</u>		
<i>Electrical isolation was being provided by and insulated riser valve unions at the two meter installations inspected during the audit.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Applicable
<u>General Comment:</u>		
<i>No casings were inspected as part of this audit.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u>		
<i>The above ground piping on the farm taps and meter installations were observed in good condition.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u>		
<i>No corrosion or pitting was observed on the above ground piping inspected at the two meter installations reviewed during the inspection.</i>		
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory

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<u>General Comment:</u>		
<i>Ameren's JULIE ticket number for the excavation was X00162187 with a dig start of 6/15/15 and expires 7/8/15.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
<u>General Comment:</u>		
<i>Marks were present on the site for the other associated utilities and the gas facilities had been marked by Ameren's contract locator.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
<u>General Comment:</u>		
<i>The gas facilities were marked prior our arrival using paint and flags placed by their contract locating service.</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
<u>General Comment:</u>		
<i>Current line markers with the correct information were observed present at the road crossing of Co Road 000N (Deserter Road).</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
<u>General Comment:</u>		
<i>The line was adequately marked in the vicinity of the proposed work.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Not Applicable
<u>General Comment:</u>		
<i>There was no above ground main or transmission piping at the location inspected.</i>		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
<u>General Comment:</u>		
<i>The required wording was present on the line markers observed at the road crossing at Route 142 and Deserter Road.</i>		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory

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<u>General Comment:</u> <i>The correct phone number was preset on the marker for reaching Ameren Illinois directly. The number present was 1-800-755-5000.</i>		
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
<u>Category Comment:</u> <i>No pressure limiting or regulating devices were inspected as part of this audit.</i>		
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Not Checked
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Not Checked
[192.741(a), 192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Checked
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	Not Checked
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Not Checked
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Not Checked
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Not Checked
VALVE MAINTENANCE		Status
<u>Category Comment:</u> <i>No emergency valves were inspected as part of this audit.</i>		
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Not Checked
ODORIZATION OF GAS		Status
<u>Category Comment:</u> <i>Odorant content or odorizing facilities were not reviewed as part of this inspection.</i>		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Checked
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
[192.625(f)]	Was the operator's equipment calibrated as required?	Not Checked

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TRANSMISSION		Status
<u>Category Comment:</u> <i>The facilities inspected during this audit were high pressure distribution not transmission facilities.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Checked
[192.745(a)]	Were the valves inspected accessible?	Not Checked
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Checked
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
<u>General Comment:</u> <i>The riser valve, meter and service regulator were observed being marked with their pressure ratings.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u> <i>No work was performed by the company employees that was covered under Operator Qualification.</i>		

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